

## EAST Search History

| Ref # | Hits   | Search Query                                                                                                                                                                                                                                                                                             | DBs                                                               | Default Operator | Plurals | Time Stamp       |
|-------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------|---------|------------------|
| L2    | 1243   | (poweroff or powerdown or shutdown or power?down or power?off or shut?down or shutoff or shut?off or hibernat\$3 or sleep or (power\$3 near (off or down)) or (shut\$3 near (off or down))) near5 (sav\$3 or stor\$3 or backup or (back\$3 adj up) or cop\$4 or mov\$3) near5 (ram or volatile or cache) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/01 17:28 |
| L4    | 3620   | 711/161-162,103-104.cds.                                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT                                                | OR               | ON      | 2006/04/01 17:31 |
| L5    | 51     | I2 and I4                                                                                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT                                                | OR               | ON      | 2006/04/01 17:43 |
| S1    | 1      | "20050044332"                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT                                                | OR               | ON      | 2005/08/12 15:50 |
| S2    | 2      | ("5845134" "6552672").PN.                                                                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT                                                | OR               | ON      | 2005/08/12 09:53 |
| S3    | 51     | hibernat\$3 near5 (sav\$3 or stor\$3 or backup or (back\$3 adj up) or cop\$4 or mov\$3) near5 (ram or volatile or cache)                                                                                                                                                                                 | US-PGPUB;<br>USPAT                                                | OR               | ON      | 2006/04/01 17:25 |
| S4    | 3      | hibernat\$3 near5 (sav\$3 or stor\$3 or backup or (back\$3 adj up) or cop\$4 or mov\$3) near5 (ram or volatile or cache) near3 (used)                                                                                                                                                                    | US-PGPUB;<br>USPAT                                                | OR               | ON      | 2005/08/12 13:12 |
| S5    | 3      | hibernat\$3 near5 (sav\$3 or stor\$3 or backup or (back\$3 adj up) or cop\$4 or mov\$3) near5 (ram or volatile or cache) near3 (used)                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/12 13:12 |
| S6    | 2967   | 711/162,103-104.cds.                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT                                                | OR               | ON      | 2005/12/13 10:52 |
| S7    | 1869   | (Power adj (off or down) or shutdown or (shut adj down) or hibernat\$4) with (ram or cache or volatile) with (sav\$3 or stor\$3 or mov\$3 or (backing adj up) or transfer\$4)                                                                                                                            | US-PGPUB;<br>USPAT                                                | OR               | ON      | 2005/08/15 17:02 |
| S8    | 81     | S6 and S7                                                                                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT                                                | OR               | ON      | 2005/08/12 15:53 |
| S9    | 9      | S6 and S7 and hibernat\$4                                                                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT                                                | OR               | ON      | 2005/08/12 15:53 |
| S10   | 7      | ("5778443").URPN.                                                                                                                                                                                                                                                                                        | USPAT                                                             | OR               | ON      | 2005/08/12 16:22 |
| S11   | 1832   | hibernat\$4                                                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/15 13:29 |
| S12   | 980254 | (cache or ram or ((system or main) adj memory) or volatile)                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/15 13:30 |
| S13   | 262295 | ((hard or storage) adj (drive or disk or disc)) or nonvolatile                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/15 13:31 |
| S14   | 434    | S11 and S12 and S13                                                                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/15 13:32 |
| S15   | 103    | S11 same S12 same S13                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/15 13:32 |
| S16   | 97     | (stor\$3 or sav\$3 or mov\$3 or archiv\$3 or (back\$3 adj up)) same S15                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/15 14:19 |
| S17   | 37640  | (stor\$3 or sav\$3 or mov\$3 or archiv\$3 or (back\$3 adj up)) with ((power or shut) adj (off or down))                                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/15 14:21 |

## EAST Search History

|     |        |                                                                                                                                                                                                                                                                                                                                                                         |                                                                   |    |    |                  |
|-----|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S18 | 45     | (stor\$3 or sav\$3 or mov\$3 or archiv\$3 or (back\$3 adj up)) with ((power or shut) adj (off or down)) with hibernat\$4                                                                                                                                                                                                                                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/15 14:22 |
| S19 | 4      | ("5778443"   "5784628"   "5809329"   "6209088").PN.                                                                                                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/08/15 15:00 |
| S20 | 0      | ("6609182").URPN.                                                                                                                                                                                                                                                                                                                                                       | USPAT                                                             | OR | ON | 2005/08/15 15:04 |
| S21 | 5      | (US-20040003223-\$ or US-20040064647-\$).did. or (US-5778443-\$ or US-6609182-\$ or US-5784628-\$).did.                                                                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT                                                | OR | ON | 2005/08/15 16:58 |
| S22 | 1      | S21 and active                                                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT                                                | OR | ON | 2005/08/15 15:41 |
| S23 | 1      | "5307497".pn.                                                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT                                                | OR | ON | 2005/08/15 16:34 |
| S27 | 37     | (Power adj (off or down) or shutdown or (shut adj down) or hibernat\$4) with (ram or cache or volatile) with (sav\$3 or stor\$3 or mov\$3 or (backing adj up) or transfer\$4) same compress\$3                                                                                                                                                                          | US-PGPUB;<br>USPAT                                                | OR | ON | 2005/08/19 16:29 |
| S28 | 2      | 711/162,103-104.cds. and S27                                                                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT                                                | OR | ON | 2005/08/15 17:03 |
| S29 | 10     | "711"/\$.cds. and hibernat\$4 with compress\$5                                                                                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT                                                | OR | ON | 2005/08/15 17:55 |
| S30 | 9      | fast adj hibernation                                                                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT                                                | OR | ON | 2005/08/15 17:55 |
| S31 | 9447   | ((power\$3 or shut\$4) adj (loss or lost or fail\$4 or off or down) or shutdown or (shut adj down) or hibernat\$4) same (dram or sram or ram or cache or volatile) same (sav\$3 or stor\$3 or mov\$3 or (backing adj up) or transfer\$4)                                                                                                                                | US-PGPUB;<br>USPAT                                                | OR | ON | 2005/08/19 17:35 |
| S32 | 343324 | 7??/\$.cds.                                                                                                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT                                                | OR | ON | 2005/08/19 16:38 |
| S33 | 4434   | S31 and S32                                                                                                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT                                                | OR | ON | 2005/08/19 16:38 |
| S34 | 283    | S33 and 711/162,103-104.cds.                                                                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT                                                | OR | ON | 2005/08/19 17:16 |
| S35 | 126    | ((power\$3 or shut\$4) adj (loss or lost or fail\$4 or off or down) or shutdown or (shut adj down) or hibernat\$4) same (sav\$3 or stor\$3 or mov\$3 or (backing adj up) or transfer\$4) same ((disc or disk or drive or storage) near cache)                                                                                                                           | US-PGPUB;<br>USPAT                                                | OR | ON | 2005/08/19 17:22 |
| S36 | 2      | hibernat\$4 same (sav\$3 or stor\$3 or mov\$3 or (backing adj up) or transfer\$4) same ((disc or disk or drive or storage) near cache)                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/19 17:27 |
| S37 | 14052  | ((power\$3 or shut\$4) adj (loss or lost or fail\$4 or off or down) or shutdown or (shut adj down) or hibernat\$4) same (dram or sram or ram or cache or volatile) same (sav\$3 or stor\$3 or mov\$3 or (backing adj up) or transfer\$4)                                                                                                                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/19 17:36 |
| S38 | 2169   | ((power\$3 or shut\$4) adj (loss or lost or fail\$4 or off or down) or shutdown or (shut adj down) or hibernat\$4) same (dram or sram or ram or cache or volatile) same (sav\$3 or stor\$3 or mov\$3 or (backing adj up) or transfer\$4) same (depend\$3 or based or if)                                                                                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/19 17:37 |
| S39 | 622    | ((power\$3 or shut\$4) adj (loss or lost or fail\$4 or off or down) or shutdown or (shut adj down) or hibernat\$4) same (dram or sram or ram or cache or volatile) same (sav\$3 or stor\$3 or mov\$3 or (backing adj up) or transfer\$4) same (depend\$3 or based or if) same (((main or hard) adj (disk or disc or drive or storage)) or nonvolatile or non\$volatile) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/13 11:30 |
| S40 | 53     | 711/162,103-104.cds. and S38                                                                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT                                                | OR | ON | 2005/08/19 17:39 |
| S41 | 274104 | ((power\$3 or shut\$4) adj (loss or lost or fail\$4 or off or down) or shutdown or (shut adj down) or hibernat\$4)                                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT                                                | OR | ON | 2005/12/13 11:30 |
| S42 | 10030  | S41 same (dram or sram or ram or cache or volatile) same (sav\$3 or stor\$3 or mov\$3 or (backing adj up) or transfer\$4)                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/13 11:30 |
| S43 | 3202   | 711/162,103-104.cds.                                                                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT                                                | OR | ON | 2005/12/13 11:31 |
| S44 | 301    | S42 AND S43                                                                                                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT                                                | OR | ON | 2005/12/13 11:33 |
| S45 | 95     | S42 same (dis? adj2 cach\$3)                                                                                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT                                                | OR | ON | 2005/12/13 11:34 |
| S46 | 17     | S43 and S45                                                                                                                                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT                                                | OR | ON | 2005/12/13 11:34 |